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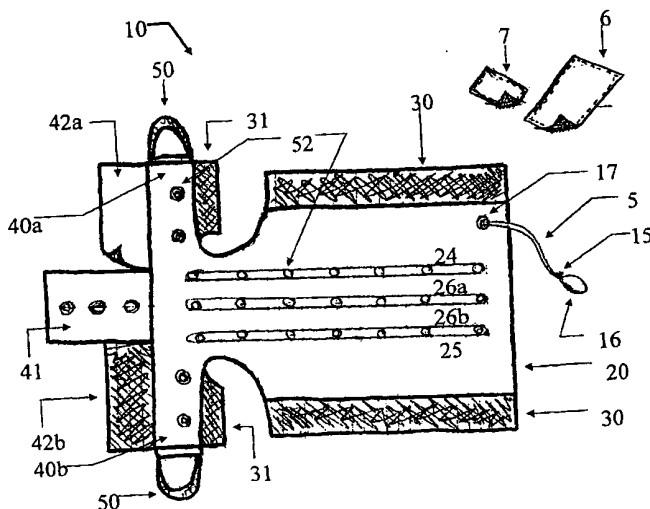
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(54) Title: IMMOBILIZING AND SUPPORTING INFLATABLE SPLINT APPARATUS



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(57) Abstract: Disclosed is a medical device that operates as a supporting splint for the limbs and other body parts necessary for the treatment of a variety of medical and surgical conditions. Said device is an inflatable, flexible, lightweight water-resistant splint whose measure of rigidity is easily controlled by the fitter or user. According to the present invention there are several embodiments of the splint, each suited to fit a different body part such as the limbs, torso, chest, pelvis, and neck. Said device, which is constructed of inflatable tubes, is made of two nylon layers welded together and coated with polyurethane. The tubes may be inflated by any means of supplying air pressure. The present invention is especially designed to allow normal blood circulation to the treated body part, provide ventilation to the area, enable easy inspection of an injury, and allow partial movement of the treated part.

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